

Power BTE

Behind-The-Ear

Source 25



Features

Feedback Canceller

Virtually eliminates annoying feedback

Environmental Adaptation

Continuously scans the environment and adapts appropriately for Quiet and Noise

Tonal Indicators

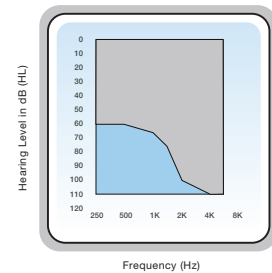
Unique tones for memory, low battery, etc.

4 Memories Standard

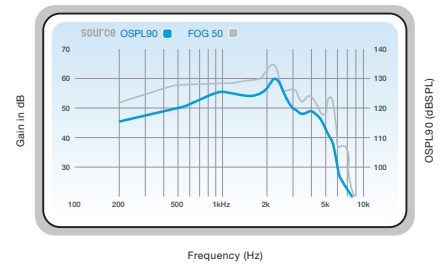
Induction Coil

Volume Control

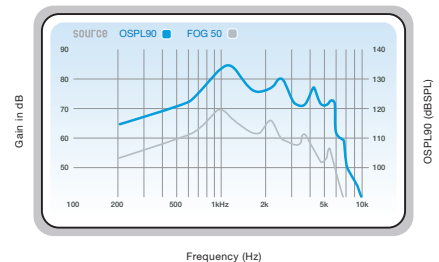
Measurement	POWER BTE	
	ANSI/IEC	IEC OES
Peak OSPL90 (dB SPL)	135	139
HFA OSPL90 (dB SPL)	128	NA
RTF OSPL90 (dB SPL)	NA	134
Peak Gain (dB)	70	74
HFA Full-On Gain (dB)	64	NA
RTF Full-On Gain (dB)	NA	69
Frequency Range (Hz)	200 - 6400	NA
Reference Test Frequency (kHz)	NA	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	NA
Reference Test Gain (dB)	52	59
Harmonic Distortion		
500 Hz (%)	3%	4%
800 Hz (%)	1%	1%
1600 Hz (%)	1%	1%
Equivalent Input Noise (dB SPL)	24	25
Attack and Release Time (ANSI/IEC) – Test Mode		
Attack Time (ms)	5	5
Release Time 0.1s (ms)	25	55
Release Time 2.0s (ms)	25	55
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	111	NA
MASL (IEC) (dB SPL)	NA	99
Battery Current (mA)	1.6	1.6
Idle Current (mA)	1.2	1.2
Estimated Battery Life for 16-Hour Day		
13 Zinc Air (days)	11	11



Source 25 Power BTE configuration (light blue) and BTE open configuration (gray) fitting ranges.



OSPL90 (blue) and Full-On Gain (gray) curves for the Source 25 Power BTE with the default filtered adult earhook (green damped).



OSPL90 (blue) and Full-On Gain (gray) curves for the Source 25 Power BTE with the unfiltered adult earhook.

Measurement Conditions and Recommendations

The data for Source 25 Power BTE are obtained and performance is expressed according to ANSI S3.22 (1996), Specifications of Hearing Aid Characteristics and IEC 60118-0 (1983), Hearing aids, Part 0: Measurement of electroacoustical characteristics and Amendment 1 (1994-01). The AudioSync proprietary Real Time Analyzer comprises the basic test equipment. Data may be subject to change with product refinement.

Source 25 Power BTE hearing instruments may be set to test settings within Inspire® OS by reading the hearing aid and choosing Hearing Aid Test on the left navigation bar. Click the Full On Gain or User Gain buttons on this screen to set the device with adaptive features off. Because of the adaptive signal processing capabilities of Source hearing instruments, you must be in Full On Gain or User Gain mode to compare the actual performance of the hearing instrument with these specifications.

RF IMMUNITY LEVEL. Source 25 Power BTE hearing aids have a cell phone immunity rating of M4/T4. A hearing aid compatible cell phone must carry a rating of M1/T1 or higher to work with these hearing instruments. Please consult your cell phone specification for the cell phone immunity rating.